Sterijet
EtO STERILIZER

Most effective sterilant
Most efficient steriliser

100% Ethylene Oxide Sterilisation


Product ready to be sterilised, is packed in a polyethylene bag.


The air is extracted from the bag.


EtO is injected into the bag that is then automatically heat sealed.


Thermal mass flow meter validates the amount of EtO injected for each individual bag.


The products are ready to be distributed in their final packaging.

Sterijet Process

Each product package is vacuumed down and then a small, carefully controlled quantity of EtO is injected. The package is then sealed and placed in an aeration container on a trolley. When fully loaded, the trolley is wheeled into a heated aeration 'warm room'. The EtO is held within the product packaging long enough to sterilise the device. Over time the EtO diffuses out of the package, returning it to its vacuum tight appearance.

The Sterijet machine itself is only a part of a larger sterilisation installation consisting of: Staging area, EtO injection station, warm rooms and EtO exhaust system. The EtO injection station consists of the Sterijet machine in an air shower to prevent the operator being exposed to any EtO.

Scaleable as Your Business Grows

Since the Sterijet process does not require a pressure or vacuum chamber to accomplish sterilisation, adaptation of existing sites to a 100% EtO operation is greatly simplified. Processing capability can be expanded with additional aeration rooms, which cost much less than the addition of traditional EtO sterilisation chambers.

Ideal for Small Lots

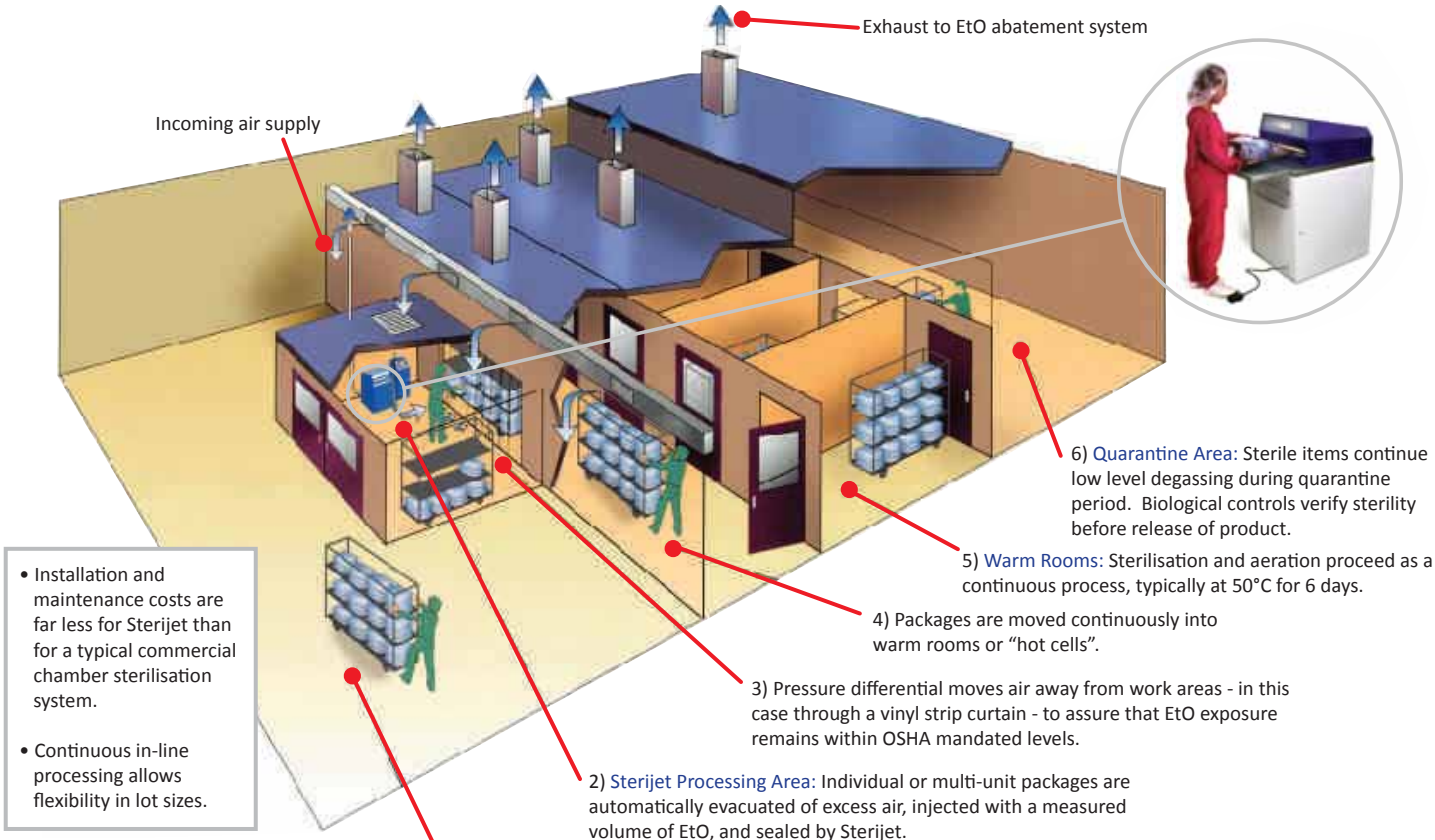
Products are placed in individual bags for processing. The Sterijet system vacuums the air out of the bag, and injects 100% EtO before heat sealing the bag. As the EtO gas sterilises the product, it diffuses out of the bag leaving a vacuum packed sterile product at the end of the aeration cycle. Any compromise of package integrity will result in loss of this vacuum-tight appearance, making the Sterijet package truly tamper evident.

Reduced Gas and Aeration Time

Sterijet is a 100% EtO System. Gas delivery is calibrated so that only the precise amount needed to sterilise a given product is injected into the package. Custom sizing of Sterijet Bags for each product of family of products permits optimisation of gas use. Bags for Sterijet processing can be manufactured in sizes from 10cm up to 55cm in width by any convenient length. No gas is wasted in filling an entire chamber.

ANPRO ANDERSEN PRODUCTS
the future of gas sterilisation

Sterijet
EtO STERILIZER



- Installation and maintenance costs are far less for Sterijet than for a typical commercial chamber sterilisation system.
- Continuous in-line processing allows flexibility in lot sizes.

Validation Package

The Sterijet processor is equipped with a self-contained process monitoring system, which simplifies record keeping and tracking of the sterilised packages. This system utilises a thermal mass flow meter to measure the precise amount of EtO delivered to each package. At the conclusion of each gas shot, a self-adhesive label is printed with the:

- *Date*
- *Time*
- *Lot number*
- *Package sequence number*
- *Injected EtO gram weight*

The process data is compiled by the system and printed as a report or stored for archive purposes.

The unit is operated by a foot pedal, leaving hands free to ensure that the packaging bag is positioned correctly.

Abatement

The Sterijet process results in a very low concentration exhaust stream. Andersen's economical high volume abator uses an absorbent resin to scrub the EtO emissions 99.9% clean.

Planning Assistance and Training

We will help you to determine the compatibility of Sterijet with your products and accurately project the cost per item of sterilisation. Whether you are planning a pilot facility or a large scale, automated sterilisation plant, Andersen will assist you in establishing design criteria, process validation and statistical documentation procedures. Training for sterilisation and repair technicians can be arranged either at your site or at the Andersen Products facility in North Carolina. Maintenance contracts are available.

Specifications:

Processor:	Sterijet Processor
Power Requirements:	120V AC, 60Hz, 20 Amps
Dimensions:	65.7cm (w) x 124.5cm (h) x 78.7cm (d)
Construction:	Heavy duty industrial metal cabinet on casters
Installation Requirements:	Dedicated electrical line, 15.2cm vent, compressed air at 85 psi

ANPRO ANDERSEN PRODUCTS

the future of gas sterilisation

Andersen Products Ltd.
Davy Road, Gorse Lane Ind. Est.
Clacton-On-Sea
CO15 4XA, UK
Tel.: +44 (0)1255 428 328
email: uk@anderseneurope.com

www.anderseneurope.com

Andersen Products, Inc.
Health Science Park
3202 Caroline Drive
Haw River, NC 27258-9564 USA
800-523-1276
email: customerservice@anpro.com

Ref:- Sterijet Flyer 201411a